



EXPRESS MAIL LABEL NO.: EV218961070US

PATENT APPLICATION

Docket No. 14917.1.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
 )  
James E. Moon, et al. )  
 ) Art Unit  
Serial No.: 09/698,329 ) 1743  
 )  
Filed: October 27, 2000 )  
 )  
For: INTEGRATED MONOLITHIC MICROFABRICATED )  
ELECTROSPRAY AND LIQUID )  
CHROMATOGRAPHY SYSTEM AND METHOD )  
 )  
Confirmation No.: 8664 )  
 )  
Examiner: Arlen Soderquist )

**CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. § 1.10**

I hereby certify that the following documents are being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to: Box RESPONSES, Commissioner for Patents, Washington, DC 20231, on the 2<sup>nd</sup> day of December, 2002.

- Transmittal for Amendment and Response to Office Action dated September 18, 2002
- Amendment and Response to Office Action dated September 18, 2002
- Postcard

Respectfully submitted,

David O. Seeley  
Attorney for Applicants  
Registration No. 30,148



**022913**

PATENT TRADEMARK OFFICE

DOS:hb

W:\14917\1.1\HMB0000002230V001.doc

Serial No.: 09/698,329

X A Certificate of Express Mail Under 37 C.F.R. § 1.10.

RECEIVED  
DEC 05 2002  
TC 1700

The fee has been calculated as follows:



			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'T'L FEE	RATE	ADD'T'L FEE
TOTAL	1 MINUS 20	= 0	X9		X18	\$0.00
INDEPENDENT	1 MINUS 3	= 0	X42		X84	\$0.00
1 <sup>st</sup> PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			TOTAL		TOTAL	\$0.00

X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

X Any patent application processing fees under 37 CFR 1.17.

X A duplicate copy of this transmittal letter is attached.

Dated this 2<sup>nd</sup> day of December 2002.

Respectfully submitted,

David O. Seeley  
Attorney for Applicant  
Registration No.: 30,148



022913

PATENT TRADEMARK OFFICE

DOS:hb

W:\14917\1.1\HMB0000002229V001.doc

Serial No.: 09/698,329



EXPRESS MAIL LABEL NO.: EV218961070US

PATENT APPLICATION  
Docket No. 14917.1.1

*D. Hannel*  
*#111C*  
*12-10-02*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

James E. Moon, et al.

Serial No.:

09/698,329 ✓

Filed:

October 27, 2000

For:

INTEGRATED MONOLITHIC MICROFABRICATED  
ELECTROSPRAY AND LIQUID  
CHROMATOGRAPHY SYSTEM AND METHOD

Confirmation No.:

8664

Examiner:

Arlen Soderquist

)  
)  
)  
) Art Unit  
) 1743  
)  
)  
)  
)  
)  
)  
)

**AMENDMENT AND RESPONSE TO OFFICE ACTION**  
**DATED SEPTEMBER 18, 2002**

Box: RESPONSES  
Commissioner for Patents  
Washington, DC 20231

**RECEIVED**  
DEC 05 2002  
**TC 1700**

Dear Sir:

Responsive to the Office Action mailed September 18, 2002, in connection with the above-identified application, Applicants request that the following amendments be entered and the associated remarks be considered:

In the Specification:

Please replace the paragraph bridging pages 8 and 9 with the following paragraph:

In all of the above-described devices, edge-spraying from a microchip is a poorly controlled process due to the inability to rigorously and repeatedly determine the physical form of the chip's edge. In another embodiment of edge-spraying, ejection nozzles, such as small segments of drawn capillaries, are separately and individually attached to the chip's